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**TITLE:** PRODUCTION OF SHIITAKE  
REISHI  
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**INVENTOR-INFORMATION:**

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**ABSTRACT:**

PURPOSE: To obtain SHIITAKE REISHI, by extracting SHIITAKE (*Cortinellus shiitake*, a fungus of *Tricholomataceae* family), impregnating the extract into various REISHI (*Fomes japonicus*, a fungus of *Fomes* genus), packaging in vacuum and sterilizing the product.

CONSTITUTION: Extract of SHIITAKE (belonging to *Lentinus* genus, *Tricholomataceae* family)

(containing e.g. ergosterol converted to vitamin D2 with light; erdadenine effective to remove cholesterol in blood; and various enzymes such as B-1-3 glucanase, chitinase, esterase, lipase, lecithinase, etc.) is impregnated into Fomes japonicus (whole REISHI belonging to Polyporaceae family) in vacuum, packaged in vacuum and sterilized to obtain the objective SHIITAKE REISHI. The SHIITAKE REISHI exhibits various physiological effects such as analgesic action, cardiogenic and hypotensive action, immuno-enhancing action against cancer cell, action to improve the resistance to the enzyme deficiency and to protect the liver, action to produce antibody against virus, action to promote the restoration of the epithelium of bronchial membrane, etc.

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